

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Takahiko SAITO et al.

Serial No.:

Filed :

For : PHOTOGRAPHIC AND VIDEO IMAGE SYSTEM

Group A.U.: 2851

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PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
BOX PATENT APPLICATION
Washington, D.C. 20231

Sir:

Prior to the examination of the above-identified application, which is a division under 37 C.F.R. § 1.53(b) of prior application Serial No. 09/799699 filed March 7, 2001, which is a division of application Serial No. 09/631, 559 filed August 3, 2000 which is a division of application Serial No. 09/404,708 filed September 23, 1999, which is a division of Serial No. 09/293,003 filed April 16, 1999, which is a division of Serial No. 09/175,123 filed October 19, 1998,

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which is a continuation of Serial No. 09/062,477 filed April 17, 1998, now U.S. Patent 5,950,024, which is a division of Serial No. 08/726,581 filed October 7, 1996, now U.S. Patent 5,742,855, which is a division of application Serial No. 08/445,772 filed May 22, 1995, now U.S. Patent No. 5,652,643, which is a continuation in part of application Serial No. 08/329,546 filed October 26, 1994, now U.S. Patent No. 5,583,591, which is a continuation in part of application Serial No. 08/026,415 filed March 4, 1993, now abandoned, Applicants respectfully request that the present application be amended as follows.

IN THE SPECIFICATION

Please insert before the first sentence:

--This application is a division of application Serial No. 09/799,699 filed March 7, 2001 which is a division of application Serial No. 09/631, 599 filed August 3, 2000, which is a division of application Serial No. 09/404,708 filed September 23, 1999, which is a division of Serial No. 09/293,003 filed April 16, 1999, which is a division of Serial No. 09/175,123 filed October 19, 1998, now U.S. Patent 6,058,272, which is a continuation of Serial No. 09/062,477 filed April 17, 1998, now U.S. Patent 5,950,024, which is a division of Serial No. 08/726,581 filed October 7, 1996, now

U.S. Patent 5,742,855, which is a division of application Serial No. 08/445,772 filed May 22, 1995, now U.S. Patent No. 5,652,643, which is a continuation in part of application Serial No. 08/329,546 filed October 26, 1994, now U.S. Patent No. 5,583,591, which is a continuation in part of application Serial No. 08/026,415 filed March 4, 1993, now abandoned.--

IN THE CLAIMS

please cancel claims 1-31, without prejudice or disclaimer, and add new claims 32-56.

--32.(New) A photographic image apparatus
comprising:

a film feed device for feeding a photographic film

a detector for detecting a hole on a marginal area

along an edge of the photographic film;

a controller for controlling the film feed device according to the detected hole; and

an image transforming device for transforming an image of a subject on a frame of the photographic film into picture data and for transforming optical information on a marginal area along the edge of the photographic film into information data.

--33.(New) The photographic image apparatus according to claim 32, wherein the image transforming device has a HDTV type aspect ratio for an image transforming area and for an information transforming area.

--34.(New) The photographic image apparatus according to claim 32, wherein the image transforming device is a charge coupled device.

--35.(New) The photographic image apparatus according to claim 33, wherein the controller controls a selection of image transforming areas to change or select an aspect ratio of the picture data according to the information data.

--36.(New) The photographic image apparatus according to claim 33, further including an image processing circuit for changing a HDTV type aspect ratio of the picture data into an other aspect ratio of the picture data in accordance with the information data.

--37.(New) The photographic image apparatus according to claim 33, further having an image processing circuit for selecting and changing a HDTV type aspect ratio of

the picture data into an other type of aspect ratio of the picture data in accordance with the information data.

--38.(New) A photographic printing system for outputting picture data into a printer device, the system comprising:

a film feed device for feeding a photographic film

a detector for detecting a hole on a marginal area along an edge of the photographic film;

a controller for controlling the film feed device according to the detected hole;

an image transforming device for transforming an image of a subject on a frame of the photographic film into picture data and for transforming optical information on a marginal area along the edge of the photographic film into information data; and

an output circuit for outputting the picture data into the printer device.

--39.(New) The photographic image system according to claim 38, wherein the image transforming device has a HDTV type aspect ratio for an image transforming area and for an information transforming area.

--40.(New) The photographic image system according to claim 38, wherein the image transforming device is a charge coupled device.

--41.(New) The photographic image system according to claim 38, wherein the controller controls a selection of image transforming areas to change or select an aspect ratio of the picture data according to the information data.

--42.(New) The photographic image system according to claim 39, further including an image processing circuit for changing a HDTV type aspect ratio of the picture data into an other type of aspect ratio of the picture data in accordance with the information data.

--43.(New) The photographic image system according to claim 39, further having an image processing circuit for selecting and changing a HDTV type aspect ratio of the picture data into an other type of aspect ratio of the picture data in accordance with the information data.

--44.(New) A method for transforming an image of a subject on a frame of a photographic film, the method comprising the steps of:

feeding a photographic film

detecting a hole on a marginal area along an edge of
the photographic film;

controlling the film feed device according to the
detected hole; and

transforming the image of the subject on the frame
of the photographic film into picture data; and

transforming optical information on a marginal area
along the edge of the photographic film into information data.

--45.(New) The method for transforming according to
claim 44, further including the step of:

superimposing or mixing the information data on the
picture data.

--46.(New) The method for transforming according to
claim 44, further including the step of:

changing an aspect ratio of the picture data in
accordance with the information data.

--47.(New) The method for transforming according to
claim 44, further including the step of:

selecting an aspect ratio of the picture data in
accordance with the information data; and

outputting the selected aspect ratio of the picture data.

--48.(New) A photographic image apparatus comprising:

a cartridge housing for accommodating a film cartridge;

a film housing for accommodating a photographic film from the film cartridge;

a film feed device for feeding the photographic film between the film housing and the film cartridge in the cartridge housing;

a detector located between the film cartridge housing and the film housing for detecting a hole on a marginal area along an edge of the photographic film;

a controller for controlling the film feed device in accordance with the detected hole; and

an image transforming device located between the cartridge housing and the film housing for transforming an image of a subject on a frame of the photographic film into picture data for and transforming optical information on a marginal area along the edge of the photographic film into information data.

--49.(New) The photographic image apparatus according to claim 48, wherein the image transforming device is a charge coupled device having a HDTV type aspect ratio for an image transforming area and for an information transforming area.

--50.(New) The photographic image apparatus according to claim 48, further including an image processing circuit for changing or selecting an aspect ratio of the picture data in accordance with the information data.

--51.(New) The photographic image apparatus according to claim 48, wherein the controller controls the film feed device to automatically set a position of the image on the frame of the photographic film against the image transforming device.

--52.(New) The photographic image apparatus according to claim 48, further including:

a film type detector for detecting film type information recorded on the marginal area of the photographic film; and

a processing circuit for processing a correction of the picture data in accordance with the detected film type

information.

--53.(New) A photographic printing system for outputting picture data into a printer device, the system comprising:

a cartridge housing for accommodating a film cartridge;

a film housing for accommodating a photographic film from the film cartridge;

a film feed device for feeding the photographic film between the film housing and the film cartridge in the cartridge housing;

a detector located between the cartridge housing and the film housing for detecting a hole on a marginal area along an edge of the photographic film;

a controller for controlling the film feed device in accordance with the detected hole;

an image transforming device located between the cartridge housing and the film housing for transforming an image of a subject on a frame of the photographic film into picture data and for transforming optical information on a marginal area along the edge of the photographic film into information data; and

an output circuit for outputting the picture data

into the printer device.

--54.(New) The photographic printing system according to claim 53, wherein the image transforming device is a charge coupled device having a HDTV type aspect ratio for an image transforming area and for an information transforming area.

--55.(New) The photographic printing system according to claim 54, further including an image processing circuit for changing or selecting an aspect ratio of the picture data in accordance with the information data.

--56.(New) The photographic image apparatus according to claim 55, wherein the controller controls the film feed device to automatically set a position of the image on the frame of the photographic film against the image transforming device.--

REMARKS

This application is a division of application Serial No. 09/799,699 filed March 7, 2001 which is a division of Serial No. 09/631,599 filed August 3, 2000 which is a division of Serial No. 09/404,708 filed September 23, 1999, which is a

division of Serial No. 09/293,003 filed April 16, 1999, which is a division of Serial No. 09/175,123 filed October 19, 1998, now U.S. Patent 6,058,272, which is a continuation of Serial No. 09/062,477 filed April 17, 1998, now U.S. Patent 5,950,024, which is a division of Serial No. 08/726,581 filed October 7, 1996, now U.S. Patent 5,742,855, which is a division of application Serial No. 08/445,772 filed May 22, 1995, now U.S. Patent No. 5,652,643, which is a continuation in part of application Serial No. 08/329,546 filed October 26, 1994, now U.S. Patent No. 5,583,591, which is a continuation in part of application Serial No. 08/026,415 filed March 4, 1993, now abandoned.

Claims 1-31 have been canceled, without prejudice or disclaimer, and new claims 32-56 have been added hereby.

An early and favorable examination on the merits is earnestly solicited.

Respectfully submitted,

COOPER & DUNHAM LLP



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JHM/PCF:cc